APPLICATION FOR VERIFICATION
On Behalf of
Matsunichi Communication Holdings R&D (Shenzhen) Co., Ltd.

GPS
Model No.: GP430

Prepared for	:	Matsunichi Communication Holdings R&D (Shenzhen) Co., Ltd.
Address	:	43B/F, INTERNAL CHAMBER OF COMMERCE TOWER, FUHUA RD3 CBD, FUTIAN DISTRICT, SHENZHEN, CHINA Tel: (86) 755-88315408 Fax: (86) 755-88313194
Prepared By	:	Anbotek Compliance Laboratory Limited
Address	:	2F, Langfeng Building, Kefa Road North, Hi-tech Industrial Park, Nanshan District, Shenzhen 518057, China Tel: (86) 755-26014771 Fax: (86) 755-26014772

Report Number	:	201006725F
Date of Test	:	Jun. 13~23, 2010
Date of Report	:	Jun. 24, 2010

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Description

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TEST REPORT VERIFICATION

Applicant	:	Matsunichi Communication Holdings R&D (Shenzhen) Co., Ltd.
Manufacturer	:	Guangzhou Singulargold Electronics Co., Ltd.
EUT	:	GPS
Model No.	:	GP430
Rating	:	DC 5V via AC/DC Adapter; DC 5V via DC/DC Adapter; DC 3.7V via Battery
Trade Mark	:	NATIONAL GEOGRAPHIC

Measurement Procedure Used:

FCC Rules and Regulations Part 15 Subpart B 2007 & FCC / ANSI C63.4-2009

The device described above is tested by Anbotek Compliance Laboratory Limited To determine the maximum emission levels emanating from the device. The maximum emission levels are compared to the FCC Part 15 Subpart B Class B limits both radiated and conducted emissions. The measurement results are contained in this test report and Anbotek Compliance Laboratory Limited Is assumed full responsibility for the accuracy and completeness of these measurements. Also, this report shows that the Equipment Under Test (EUT) is to be technically compliant with the FCC requirements.

This report applies to above tested sample only. This report shall not be reproduced in part without written approval of Anbotek Compliance Laboratory Limited

Date of Test : Jun. 13~23, 2010

Prepared by : Wen Wang

(Engineer)

Reviewer : Cao. Xiang

(Project Manager)

Approved & Authorized Signer : Tom. Chen

(Manager)

1. GENERAL INFORMATION

1.1. Description of Device (EUT)

Description	:	GPS
Model Number	:	GP430
Test Power Supply	:	AC 120V, 60Hz; DC 12V Battery
AC/DC Adapter	:	DYS AC-DC ADAPTER MODEL: DYS06-050150W-1 INPUT: 100-240V~, 50/60Hz, 0.2A OUTPUT: 5.0V ⎓ 1.5A FCC, UL
DC/DC Adapter	:	myACT Model: APS-C180515W-G Iuput: 12V-24V ⎓ Output: 5V ⎓ 1.5A FCC, E_{24}
Notebook PC	:	Manufacturer: IBM M/N: 2373 S/N: 99-OL5HH CE , FCC: DOC
Applicant	:	Matsunichi Communication Holdings R&D (Shenzhen) Co., Ltd.
Address	:	43B/F, INTERNAL CHAMBER OF COMMERCE TOWER, FUHUA RD3 CBD, FUTIAN DISTRICT, SHENZHEN, CHINA
Manufacturer	:	Guangzhou Singulargold Electronics Co., Ltd.
Address	:	No.6, Lianhua yan Road, Science City, Guangzhou Hi-Tech Industrial Development Zone, Guangzhou, China
Date of Sample received	:	Jun. 13, 2010
Date of Test	:	Jun. 13~23, 2010

1.2. Description of Test Facility

The test facility is recognized, certified, or accredited by the following organizations:

CNAS - LAB Code: L3503
Anbotek Compliance Laboratory Limited., Laboratory has been assessed and in compliance with CNAS/CL01: 2006 accreditation criteria for testing laboratories (identical to ISO/IEC 17025:2005 General Requirements) for the Competence of Testing Laboratories.

FCC-Registration No.: 607248
Anbotek Compliance Laboratory Limited, EMC Laboratory has been registed and fully described in a report filed with the (FCC) Federal Communications Commission. The acceptance letter from the FCC is maintained in our files. Registration 607248, November 12, 2008.

IC-Registration No.: 8058A
Anbotek Compliance Laboratory Limited., EMC Laboratory has been registered and fully described in a report filed with the (IC) Industry Canada. The acceptance letter from the IC is maintained in our files. Registration 8058A, November 12, 2008.

Test Location
All Emissions tests were performed
Anbotek Compliance Laboratory Limited. at 2F, Langfeng Building, Kefa Road North, Hi-tech Industrial Park, Nanshan District, Shenzhen 518057, China

1.3. Measurement Uncertainty

Radiation Uncertainty	**:**	Ur = 4.3dB
Conduction Uncertainty	**:**	Uc = 2.7dB

2. POWER LINE CONDUCTED MEASUREMENT

2.1. Test Equipment

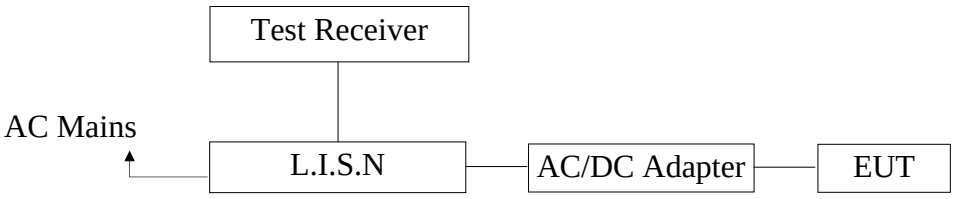
The following test equipments are used during the power line conducted measurement:

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	EMI Receiver	Rohde & Schwarz	ESCI	100627	Nov. 12, 2009	1 Year
2.	Artificial Mains	Rohde & Schwarz	ENV216	10055	Nov. 12, 2009	1 Year
3.	RF Switching Unit	Compliance Direction	RSU-M2	38303	N/A	N/A
4.	EMI Test Software	R/S	N/A	N/A	N/A	N/A
5.	Coaxial cable	ANBOTEK	N/A	N/A	Nov. 05, 2009	1 Year

2.2. Block Diagram of Test Setup

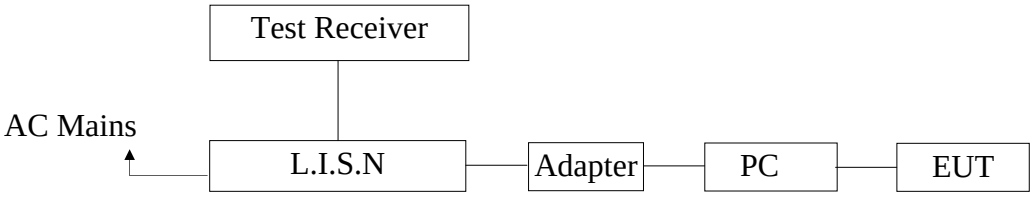
2.2.1. Block diagram of connection between the EUT and simulators

2.2.1.1. For Charge via AC/DC Adapter Mode.



(EUT: GPS)

2.2.1.2. For Data Copy Mode.



(EUT: GPS)

2.3. Power Line Conducted Emission Measurement Limits (FCC Part 15 Class B)

Frequency MHz	Limits dB(μV)	
	Quasi-peak Level	Average Level
0.15 ~ 0.50	66 ~ 56*	56 ~ 46*
0.50 ~ 5.00	56	46

5.00 ~ 30.00	60	50

Notes: 1. *Decreasing linearly with logarithm of frequency.
2. The lower limit shall apply at the transition frequencies.

2.4. Configuration of EUT on Measurement

The following equipments are installed on Power Line Conducted Emission Measurement to meet the commission requirement and operating regulations in a manner which tends to maximize its emission characteristics in a normal application.

EUT	:	GPS
Model Number	:	GP430
Applicant	:	Matsunichi Communication Holdings R&D (Shenzhen) Co., Ltd.

2.5. Operating Condition of EUT

2.5.1. Setup the EUT and simulator as shown as Section 2.2.
2.5.2. Turn on the power of all equipment.
2.5.3. Let the EUT work in test mode (Charge / Data Copy) and measure it.

2.6. Test Procedure

The EUT system is connected to the power mains through a line impedance stabilization network (L.I.S.N.). This provides a 50ohm coupling impedance for the EUT system. Please refer the block diagram of the test setup and photographs. Both sides of AC line are checked to find out the maximum conducted emission. In order to find the maximum emission levels, the relative positions of equipment and all of the interface cables shall be changed according to FCC ANSI C63.4-2009 on Conducted Emission Measurement.

The bandwidth of test receiver (ESCI) set at 9KHz.

The frequency range from 150KHz to 30MHz is checked.

The test result are reported on Section 2.7.

2.7. Power Line Conducted Emission Measurement Results

PASS.

The frequency range from 150KHz to 30 MHz is investigated.

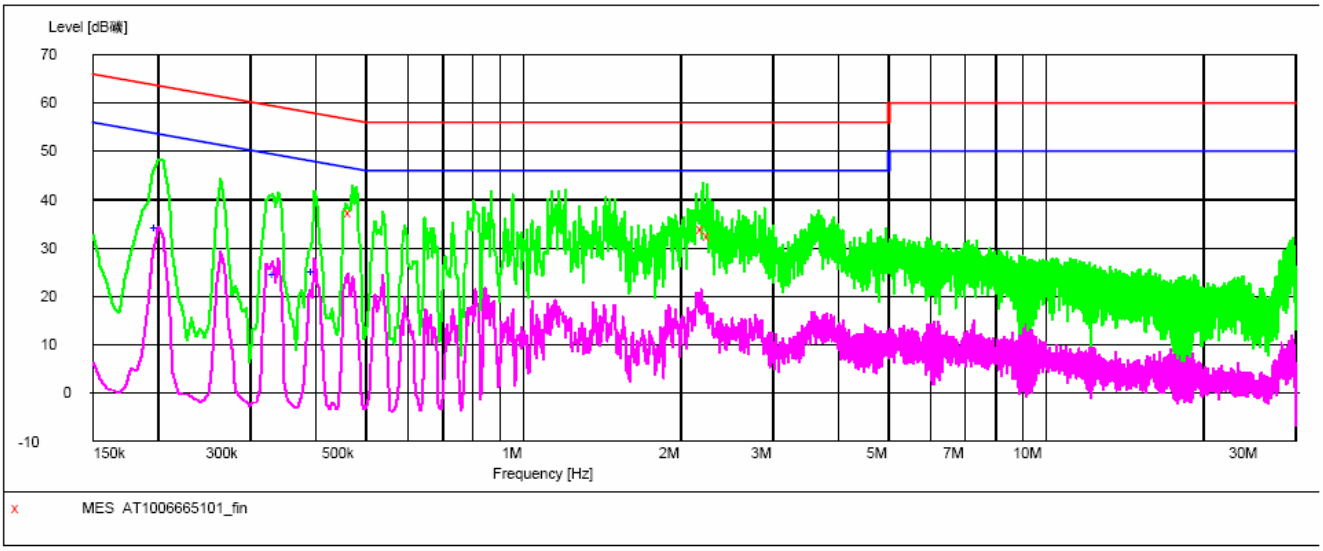
The test curves are shown in the following pages.

CONDUCTED EMISSION TEST DATA

EUT:	GPS M/N: GP430
Operating Condition:	Charge via AC/DC Adapter
Test Site:	1# Shielded Room
Operator:	Well.Wang
Test Specification:	AC 120V/60Hz
Comment:	Live Line
Start of Test:	2010-6-17 9:05 Tem:25℃ Hum:50%

SCAN TABLE: "Voltage (9K-30M)FIN"

Short Description: 150K-30M Voltage



MEASUREMENT RESULT: "AT1006665101_fin"

6/17/2010 9:07PM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.469500	37.40	10.2	57	19.1	QP	L1	GND
2.215500	34.00	9.8	56	22.0	QP	L1	GND
2.278500	32.40	9.8	56	23.6	QP	L1	GND

MEASUREMENT RESULT: "AT1006665101_fin2"

6/17/2010 9:07PM

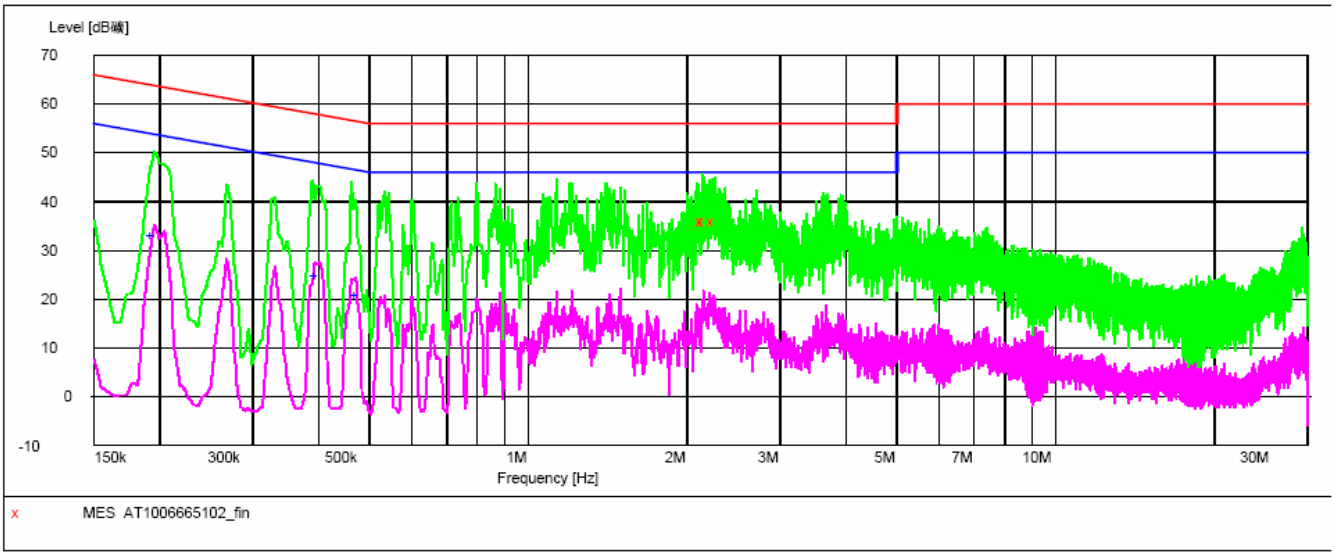
Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.199500	34.20	10.7	54	19.4	AV	L1	GND
0.334500	24.50	10.2	49	24.8	AV	L1	GND
0.397500	25.10	10.1	48	22.8	AV	L1	GND

CONDUCTED EMISSION TEST DATA

EUT:	GPS M/N: GP430
Operating Condition:	Charge via AC/DC Adapter
Test Site:	1# Shielded Room
Operator:	Well.Wang
Test Specification:	AC 120V/60Hz
Comment:	Neutral Line
Start of Test:	2010-6-17 9:09 Tem:25℃ Hum:50%

SCAN TABLE: "Voltage (9K-30M) FIN"

Short Description: 150K-30M Voltage



MEASUREMENT RESULT: "AT1006665102_fin"

6/17/2010 9:11PM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
2.143500	36.10	9.8	56	19.9	QP	N	GND
2.152500	36.10	9.8	56	19.9	QP	N	GND
2.251500	36.10	9.8	56	19.9	QP	N	GND

MEASUREMENT RESULT: "AT1006665102_fin2"

6/17/2010 9:11PM

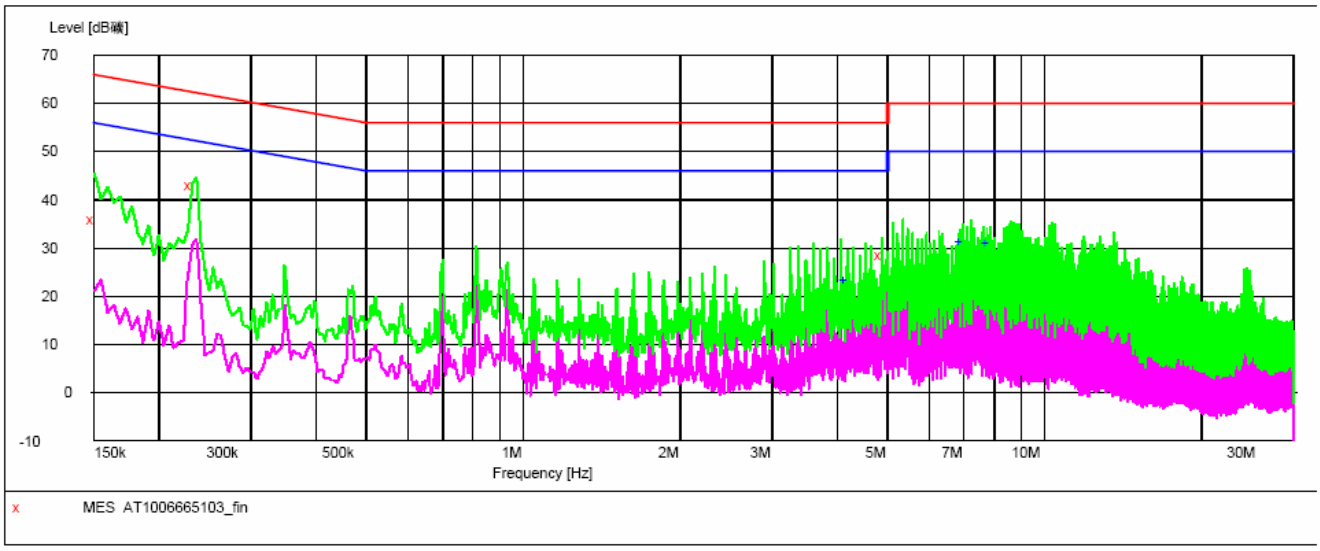
Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.195000	33.00	10.7	54	20.8	AV	N	GND
0.397500	24.80	10.1	48	23.1	AV	N	GND
0.474000	21.00	10.1	46	25.4	AV	N	GND

CONDUCTED EMISSION TEST DATA

EUT:	GPS M/N: GP430
Operating Condition:	Data Copy
Test Site:	1# Shielded Room
Operator:	Well.Wang
Test Specification:	AC 120V/60Hz
Comment:	Live Line
Start of Test:	2010-6-18 8:46 Tem:25℃ Hum:50%

SCAN TABLE: "Voltage (9K-30M)FIN"

Short Description: 150K-30M Voltage



MEASUREMENT RESULT: "AT1006665103_fin"

6/18/2010 8:48AM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.150000	35.90	11.5	66	30.1	QP	L1	GND
0.231000	43.20	10.5	62	19.2	QP	L1	GND
4.875000	28.60	9.8	56	27.4	QP	L1	GND

MEASUREMENT RESULT: "AT1006665103_fin2"

6/18/2010 8:48AM

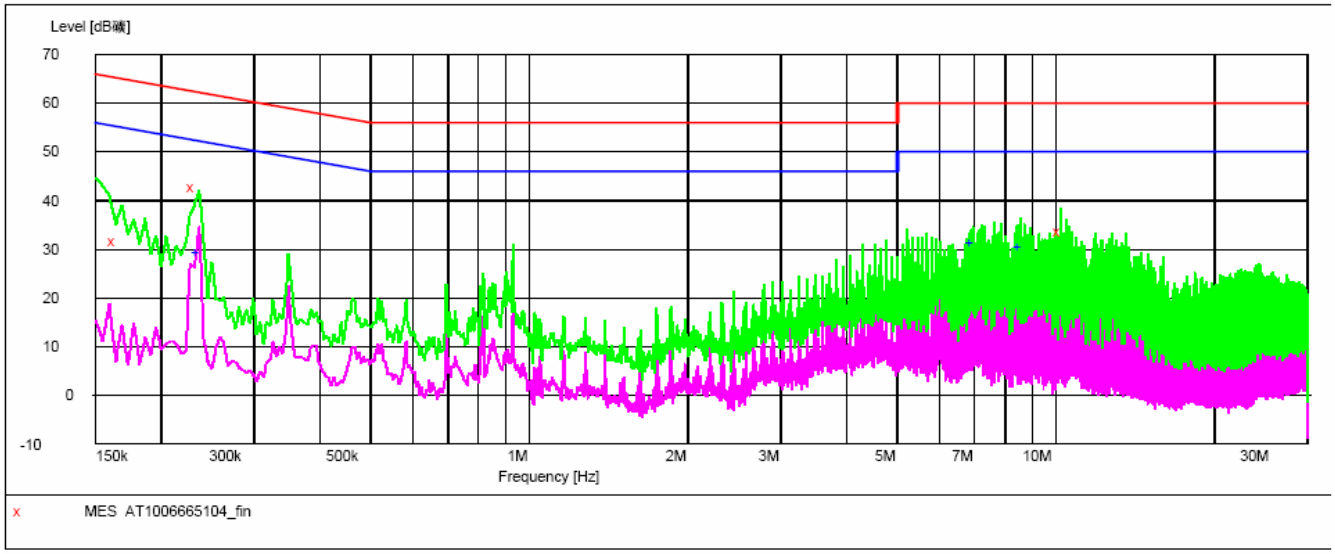
Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
4.177500	23.30	9.8	46	22.7	AV	L1	GND
6.963000	31.40	10.4	50	18.6	AV	L1	GND
7.804500	31.00	10.4	50	19.0	AV	L1	GND

CONDUCTED EMISSION TEST DATA

EUT:	GPS M/N: GP430
Operating Condition:	Data Copy
Test Site:	1# Shielded Room
Operator:	Well.Wang
Test Specification:	AC 120V/60Hz
Comment:	Neutral Line
Start of Test:	2010-6-18 8:50 Tem:25℃ Hum:50%

SCAN TABLE: "Voltage (9K-30M)FIN"

Short Description: 150K-30M Voltage



MEASUREMENT RESULT: "AT1006665104_fin"

6/18/2010 8:52AM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.163500	31.80	11.0	65	33.5	QP	N	GND
0.231000	42.70	10.5	62	19.7	QP	N	GND
10.207500	33.60	10.6	60	26.4	QP	N	GND

MEASUREMENT RESULT: "AT1006665104_fin2"

6/18/2010 8:52AM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.235500	29.40	10.5	52	22.9	AV	N	GND
6.963000	31.40	10.4	50	18.6	AV	N	GND
8.583000	30.40	10.3	50	19.6	AV	N	GND

3. RADIATED EMISSION MEASUREMENT

3.1. Test Equipment

The following test equipments are used during the radiated emission measurement:

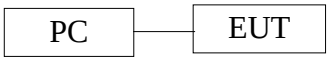
3.1.1. For Anechoic Chamber

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	EMI Test Receiver	SHURPLE	ESPI	101604	Nov. 12, 2009	1 Year
2.	Bilog Antenna	Schwarzbeck	VULB9163	100015	Nov. 12, 2009	1 Year
3.	Pre-amplifier	Compliance Direction	PAP-0203	22008	Nov. 12, 2009	1 Year
4.	EMI Test Software	SHURPLE	N/A	N/A	N/A	N/A
5.	Coaxial cable	ANBOTEK	N/A	N/A	N/A	N/A

3.2. Block Diagram of Test Setup

3.2.1. Block diagram of connection between the EUT and simulators

3.2.1.1. For Data Copy Mode.



(EUT: GPS)

3.2.1.2.For Charge via DC/DC Adapter Mode.

(EUT: GPS)

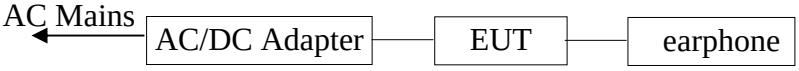
3.2.1.3. For GPS Mode.

(EUT: GPS)

3.2.1.4.For Camera Mode.

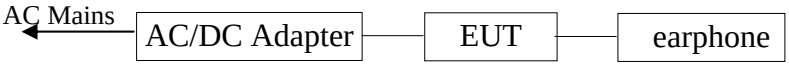
(EUT: GPS)

3.2.1.5.For Video Mode.



(EUT: GPS)

3.2.1.6. For FM (88.1 / 98 / 107.4MHz) Mode.



(EUT: GPS)

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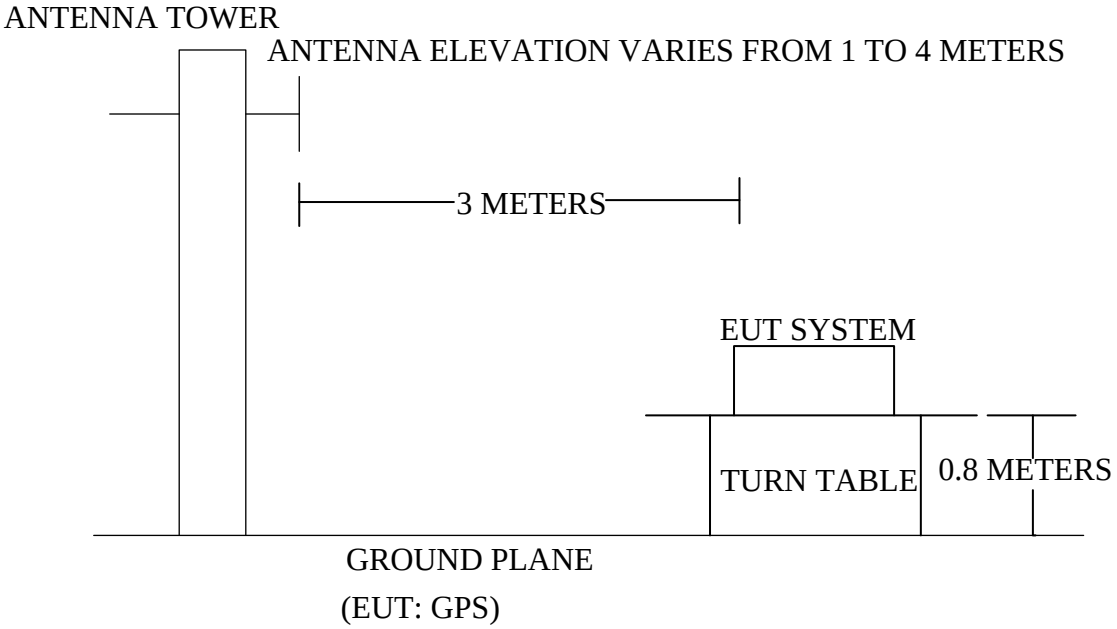
3.2.2. Anechoic Chamber Test Setup Diagram



(EUT: GPS)

3.3. Radiated Emission Limit (Subpart B Class B)

FREQUENCY MHz	DISTANCE Meters	FIELD STRENGTHS LIMIT	
		μV/m	dB(μV)/m
30~88	3	100	40.0
88~216	3	150	43.5
216~960	3	200	46.0
960~1000	3	500	54.0

Remark： (1) Emission level (dB)μV = 20 log Emission level μV/m

(2) The smaller limit shall apply at the cross point between two frequency bands.

(3) Distance is the distance in meters between the measuring instrument, antenna and the closest point of any part of the device or system.

3.4. EUT Configuration on Measurement

The following equipments are installed on Radiated Emission Measurement to meet the commission requirements and operating regulations in a manner which tends to maximize its emission characteristics in normal application.

EUT : GPS
Model Number : GP430
Applicant : Matsunichi Communication Holdings R&D (Shenzhen) Co., Ltd.

3.5. Operating Condition of EUT

3.5.1. Setup the EUT as shown in Section 3.2.

3.5.2. Let the EUT work in test mode (Data Copy /Charge via DC/DC Adapter / GPS / Camera / Video / FM) and measure it.

3.6. Test Procedure

EUT and its simulators are placed on a turn table, which is 0.8 meter high above ground. The turn table can rotate 360 degrees to determine the position of the maximum emission level. EUT is set 3.0 meters away from the receiving antenna, which is mounted on a antenna tower. The antenna can be moved up and down between 1.0 meter and 4 meters to find out the maximum emission level. Broadband antenna (Trilog Broadband Antenna) is used as receiving antenna. Both horizontal and vertical polarizations of the antenna are set on measurement. In order to find the maximum emission levels, all of the interface cables must be manipulated according to ANSI C63.4-2009 on radiated emission measurement.

The bandwidth of the EMI test receiver (ESPI) is set at 120kHz.

The frequency range from 30MHz to 1000MHz is checked.

The test mode (Data Copy /Charge via DC/DC Adapter / GPS / Camera / Video / FM) is tested in chamber and all the test results are listed in Section 3.7.

3.7. Radiated Emission Measurement Results

PASS.

The test curves are shown in the following pages.

Remarks: All measurements were carried out in peak mode. As long as the values stay under the limit line 6dB, No QP measurement are carried out.

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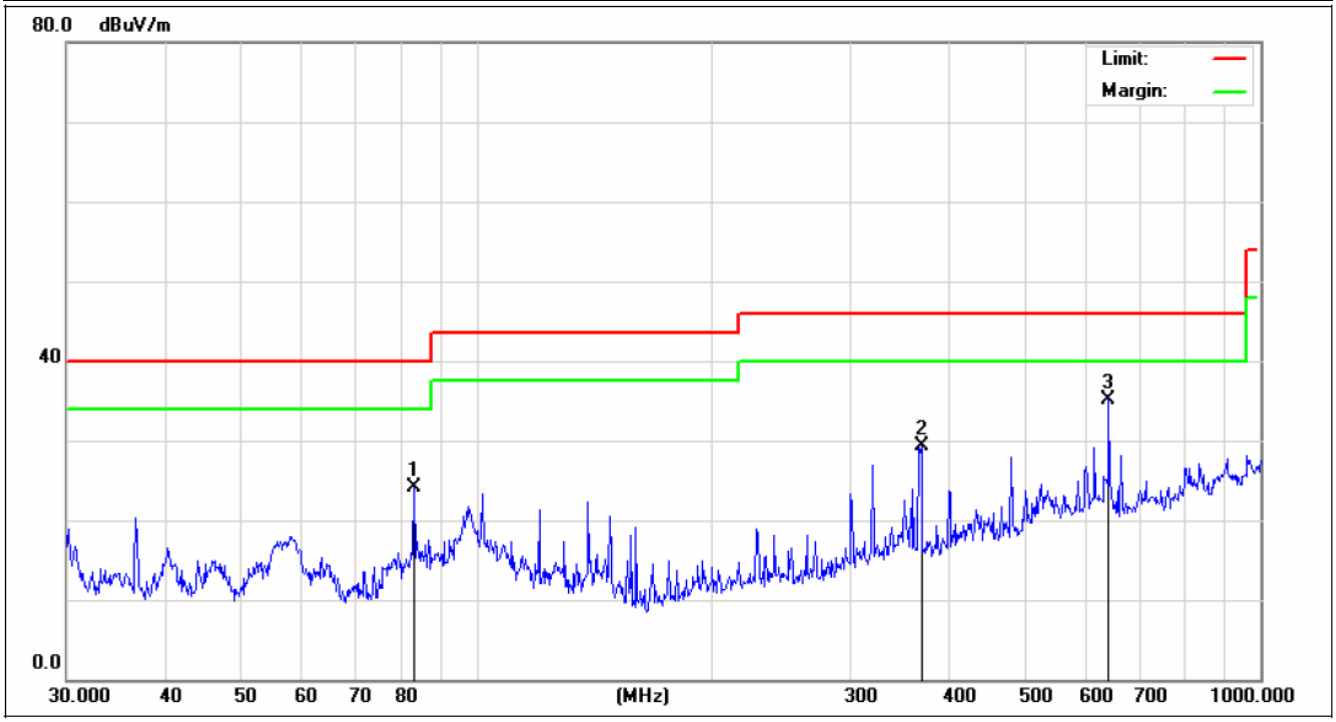
Job No.:	**AT1006665F**	**Polarziation:**	**Horizontal**
Standard:	**(RE)FCC Part 15_class B_3m**	**Power Source:**	**AC 120V/60Hz**
Test item:	**Radiation Test**	**Date:**	**2010/06/19**
Temp.(C)/Hum.(%RH):	**24.3(C)/55%RH**	**Time:**	**11:36:24**
EUT:	**GPS**	**Test By:**	**Well.Wang**
Model:	**GP430**	**Distance:**	**3m**
Note:	**Data Copy Mode**		



No.	Frequency	Reading	Correct	Result	Limit	Over Limit	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
1	83.2298	50.28	-26.21	24.07	40.00	-15.93	peak
2	369.4047	48.38	-19.03	29.35	46.00	-16.65	peak
3	640.6110	48.35	-13.15	35.20	46.00	-10.80	peak

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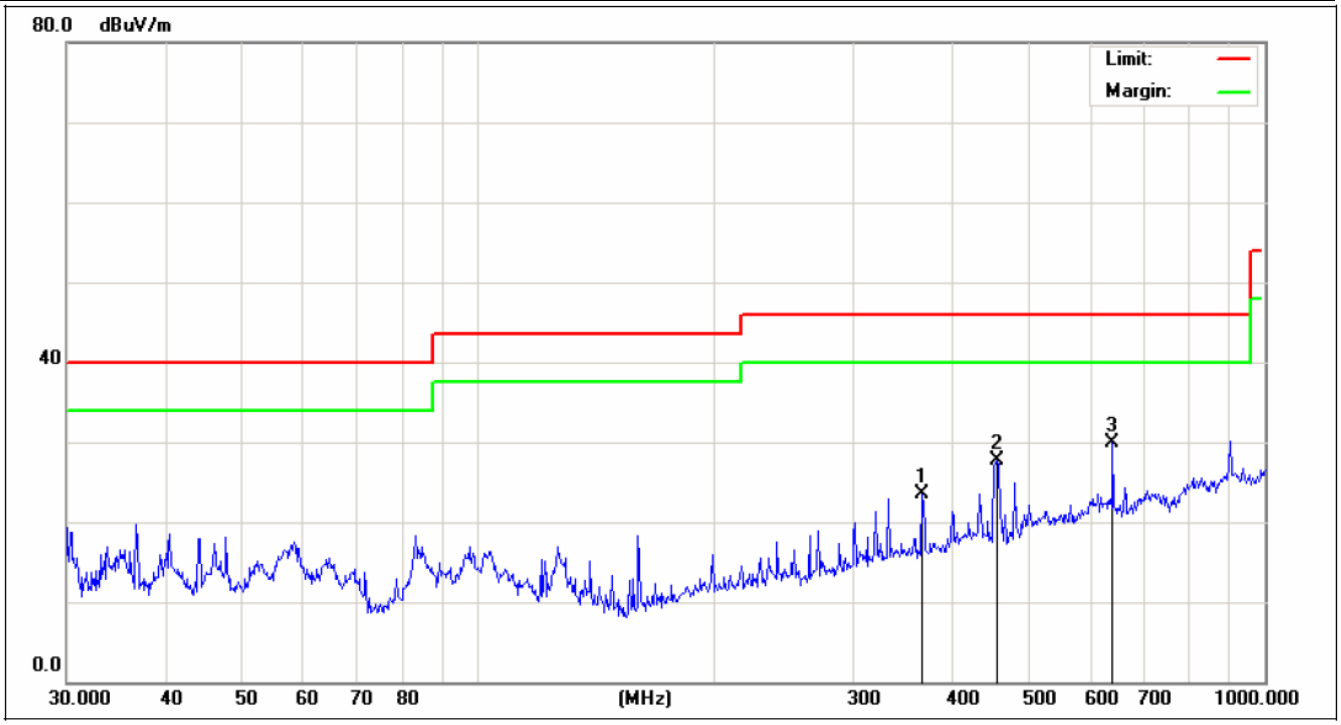
Http://www.anbotek.com

Job No.:	**AT1006665F**	**Polarziation:**	**Vertical**
Standard:	**(RE)FCC Part 15_class B_3m**	**Power Source:**	**AC 120V/60Hz**
Test item:	**Radiation Test**	**Date:**	**2010/06/19**
Temp.(C)/Hum.(%RH):	**24.3(C)/55%RH**	**Time:**	**11:31:45**
EUT:	**GPS**	**Test By:**	**Well.Wang**
Model:	**GP430**	**Distance:**	**3m**
Note:	**Data Copy Mode**		



No.	Frequency	Reading	Correct	Result	Limit	Over Limit	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
1	366.8231	42.57	-19.07	23.50	46.00	-22.50	peak
2	455.9057	45.32	-17.55	27.77	46.00	-18.23	peak
3	640.6109	43.01	-13.15	29.86	46.00	-16.14	peak

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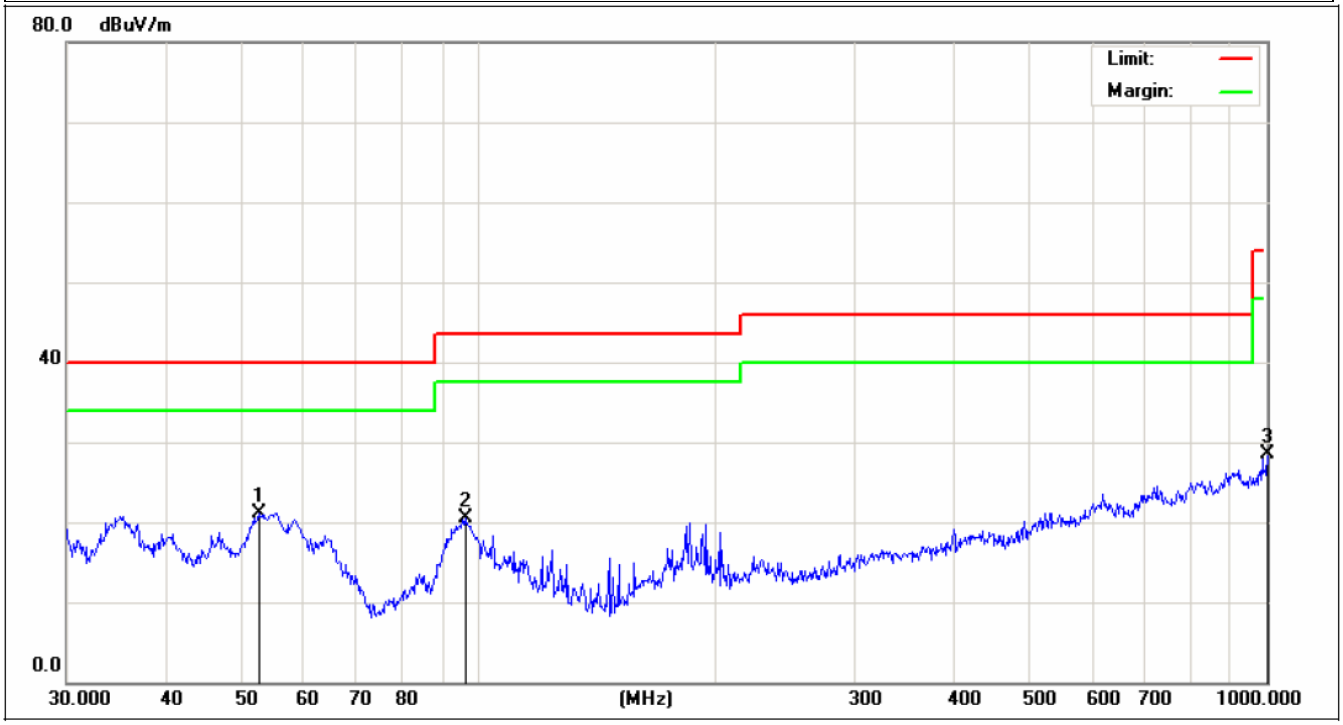
Job No.:	**AT1006665F**	**Polarziation:**	**Horizontal**
Standard:	**(RE)FCC Part 15_class B_3m**	**Power Source:**	**DC 12V**
Test item:	**Radiation Test**	**Date:**	**2010/06/19**
Temp.(C)/Hum.(%RH):	**24.3(C)/55%RH**	**Time:**	**11:42:15**
EUT:	**GPS**	**Test By:**	**Well.Wang**
Model:	**GP430**	**Distance:**	**3m**
Note:	**Charge via DC/DC Adapter Mode**		



No.	Frequency	Reading	Correct	Result	Limit	Over Limit	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
1	52.5753	44.21	-23.02	21.19	40.00	-18.81	peak
2	96.0986	43.44	-22.84	20.60	43.50	-22.90	peak
3	1000.0000	36.09	-7.58	28.51	54.00	-25.49	peak

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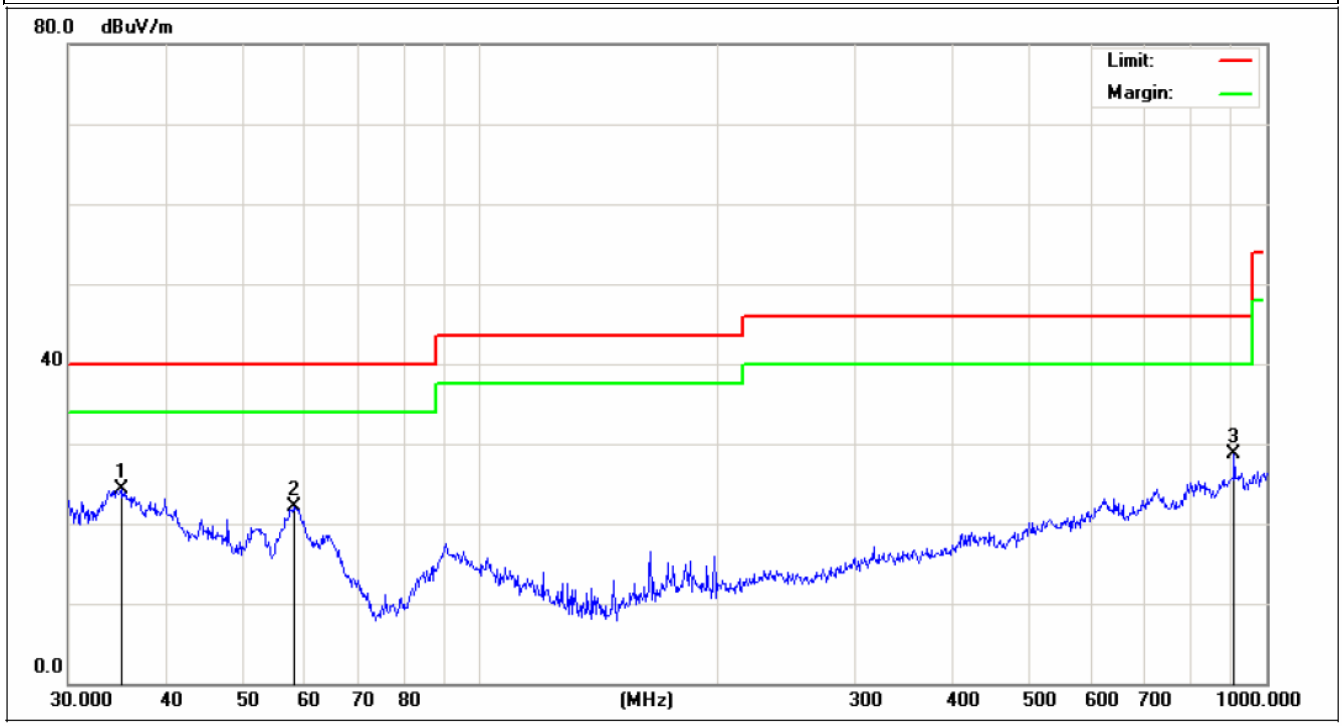
Job No.:	**AT1006665F**	**Polarziation:**	**Vertical**
Standard:	**(RE)FCC Part 15_class B_3m**	**Power Source:**	**DC 12V**
Test item:	**Radiation Test**	**Date:**	**2010/06/19**
Temp.(C)/Hum.(%RH):	**24.3(C)/55%RH**	**Time:**	**11:47:05**
EUT:	**GPS**	**Test By:**	**Well.Wang**
Model:	**GP430**	**Distance:**	**3m**
Note:	**Charge via DC/DC Adapter Mode**		



No.	Frequency	Reading	Correct	Result	Limit	Over Limit	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
1	35.0048	48.57	-24.20	24.37	40.00	-15.63	peak
2	57.9993	45.43	-23.31	22.12	40.00	-17.88	peak
3	909.6667	37.22	-8.58	28.64	46.00	-17.36	peak

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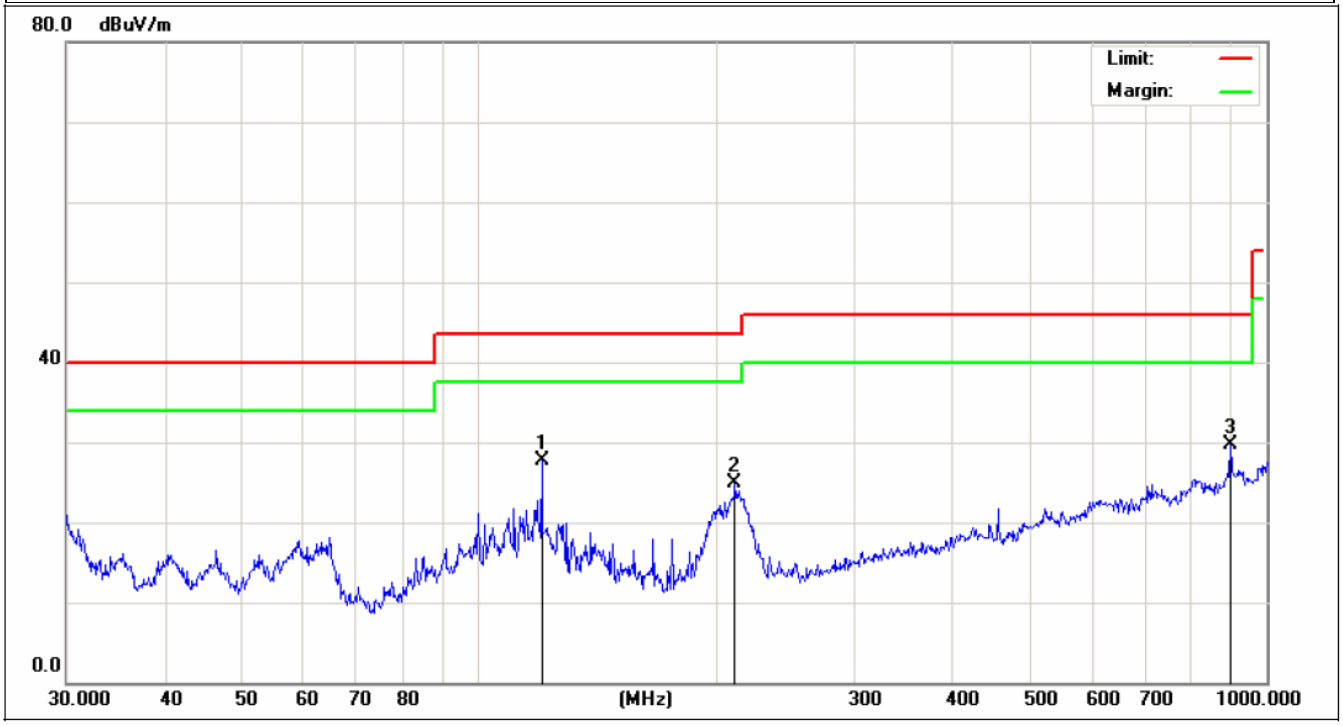
Job No.:	**AT1006665F**	**Polarziation:**	**Horizontal**
Standard:	**(RE)FCC Part 15_class B_3m**	**Power Source:**	**AC 120V/60Hz**
Test item:	**Radiation Test**	**Date:**	**2010/06/19**
Temp.(C)/Hum.(%RH):	**24.3(C)/55%RH**	**Time:**	**11:52:10**
EUT:	**GPS**	**Test By:**	**Well.Wang**
Model:	**GP430**	**Distance:**	**3m**
Note:	**GPS Mode**		



No.	Frequency	Reading	Correct	Result	Limit	Over Limit	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
1	120.2766	52.88	-25.08	27.80	43.50	-15.70	peak
2	211.5264	48.77	-23.95	24.82	43.50	-18.68	peak
3	900.1473	38.32	-8.68	29.64	46.00	-16.36	peak

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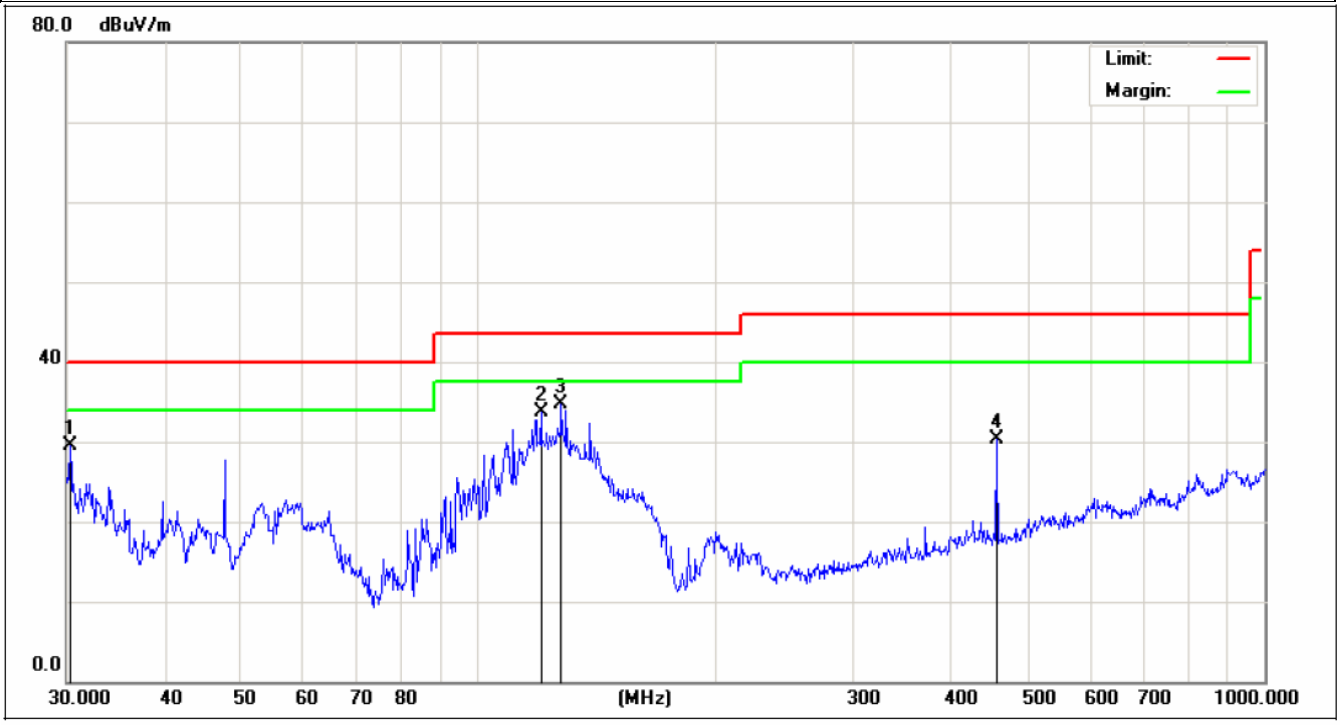
Job No.:	**AT1006665F**	**Polarziation:**	**Vertical**
Standard:	**(RE)FCC Part 15_class B_3m**	**Power Source:**	**AC 120V/60Hz**
Test item:	**Radiation Test**	**Date:**	**2010/06/19**
Temp.(C)/Hum.(%RH):	**24.3(C)/55%RH**	**Time:**	**11:56:30**
EUT:	**GPS**	**Test By:**	**Well.Wang**
Model:	**GP430**	**Distance:**	**3m**
Note:	**GPS Mode**		



No.	Frequency	Reading	Correct	Result	Limit	Over Limit	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
1	30.3173	53.75	-24.31	29.44	40.00	-10.56	peak
2	120.2766	58.78	-25.08	33.70	43.50	-9.80	peak
3	127.6645	60.79	-26.16	34.63	43.50	-8.87	peak
4	455.9058	47.84	-17.55	30.29	46.00	-15.71	peak

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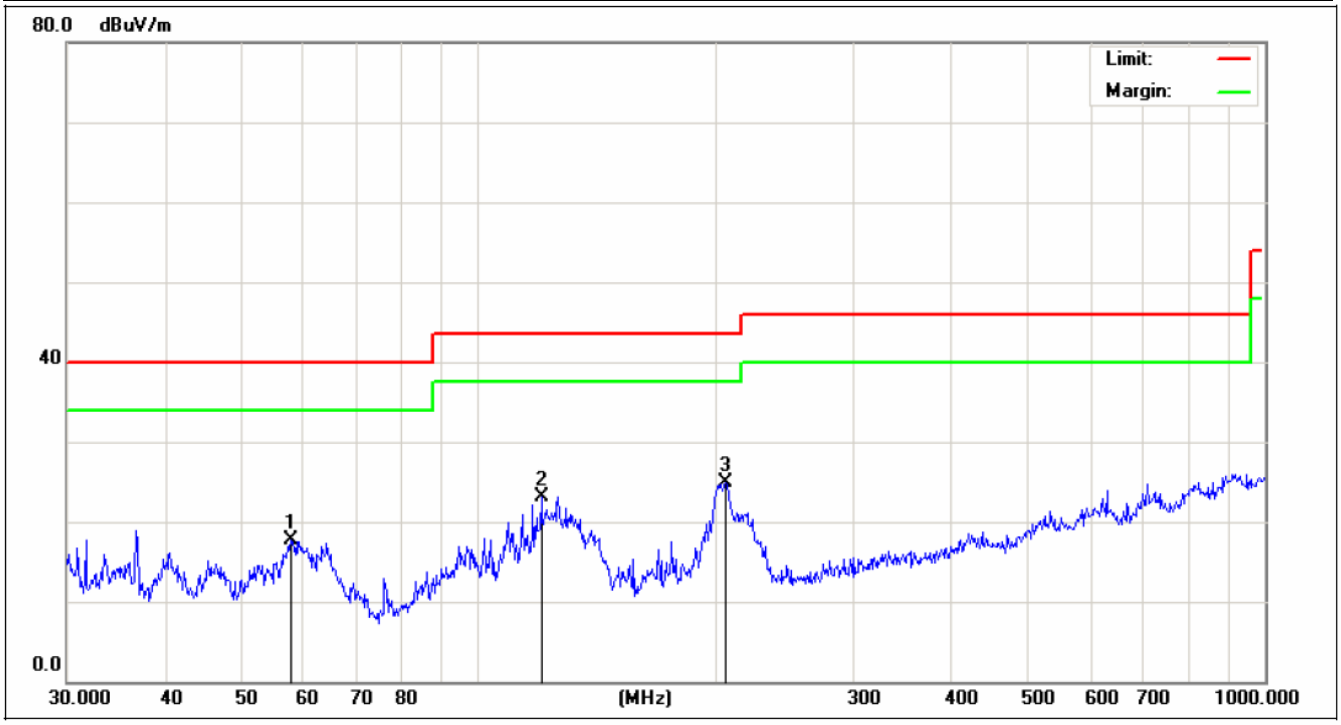
Job No.:	**AT1006665F**	**Polarziation:**	**Horizontal**
Standard:	**(RE)FCC Part 15_class B_3m**	**Power Source:**	**AC 120V/60Hz**
Test item:	**Radiation Test**	**Date:**	**2010/06/19**
Temp.(C)/Hum.(%RH):	**24.3(C)/55%RH**	**Time:**	**11:59:08**
EUT:	**GPS**	**Test By:**	**Well.Wang**
Model:	**GP430**	**Distance:**	**3m**
Note:	**Camera Mode**		



No.	Frequency	Reading	Correct	Result	Limit	Over Limit	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
1	57.7962	41.06	-23.29	17.77	40.00	-22.23	peak
2	120.2766	48.15	-25.08	23.07	43.50	-20.43	peak
3	206.3976	49.13	-24.15	24.98	43.50	-18.52	peak

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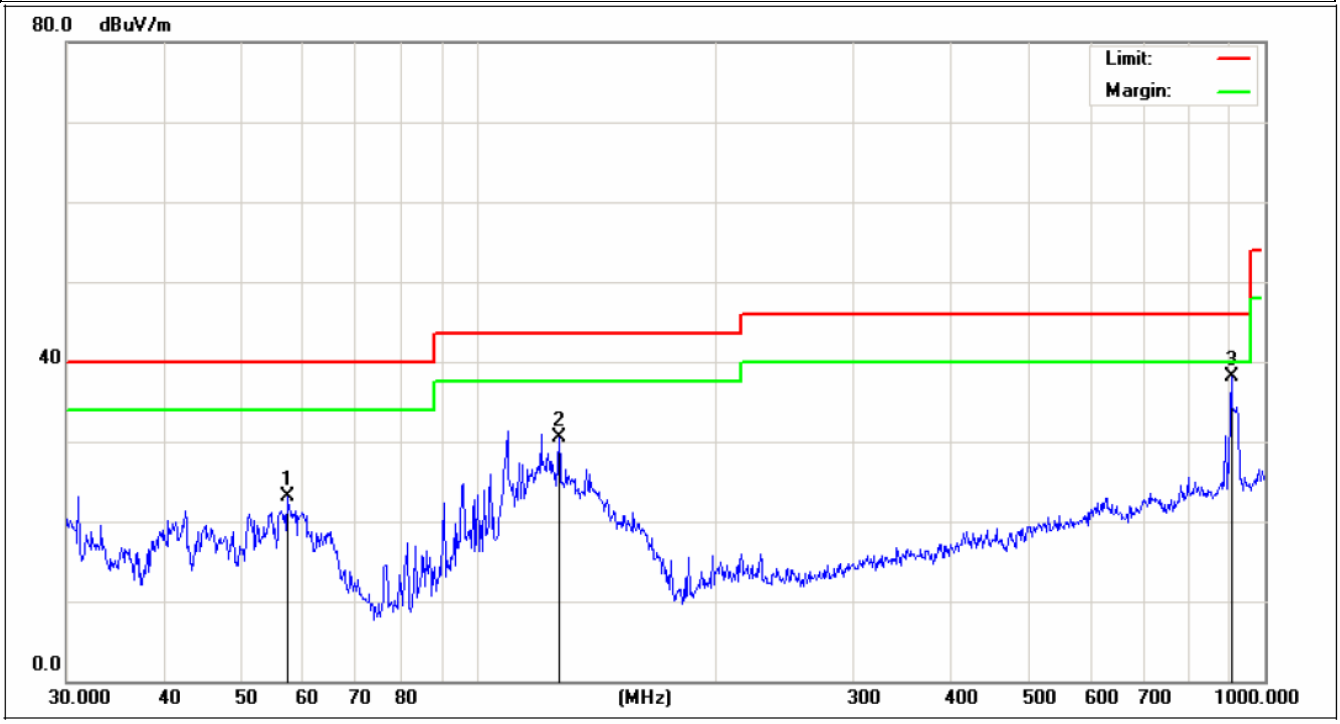
Job No.:	**AT1006665F**	**Polarziation:**	**Vertical**
Standard:	**(RE)FCC Part 15_class B_3m**	**Power Source:**	**AC 120V/60Hz**
Test item:	**Radiation Test**	**Date:**	**2010/06/19**
Temp.(C)/Hum.(%RH):	**24.3(C)/55%RH**	**Time:**	**12:03:10**
EUT:	**GPS**	**Test By:**	**Well.Wang**
Model:	**GP430**	**Distance:**	**3m**
Note:	**Camera Mode**		



No.	Frequency	Reading	Correct	Result	Limit	Over Limit	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
1	57.1914	46.44	-23.25	23.19	40.00	-16.81	peak
2	126.7723	56.62	-26.03	30.59	43.50	-12.91	peak
3	906.4824	46.73	-8.61	38.12	46.00	-7.88	peak

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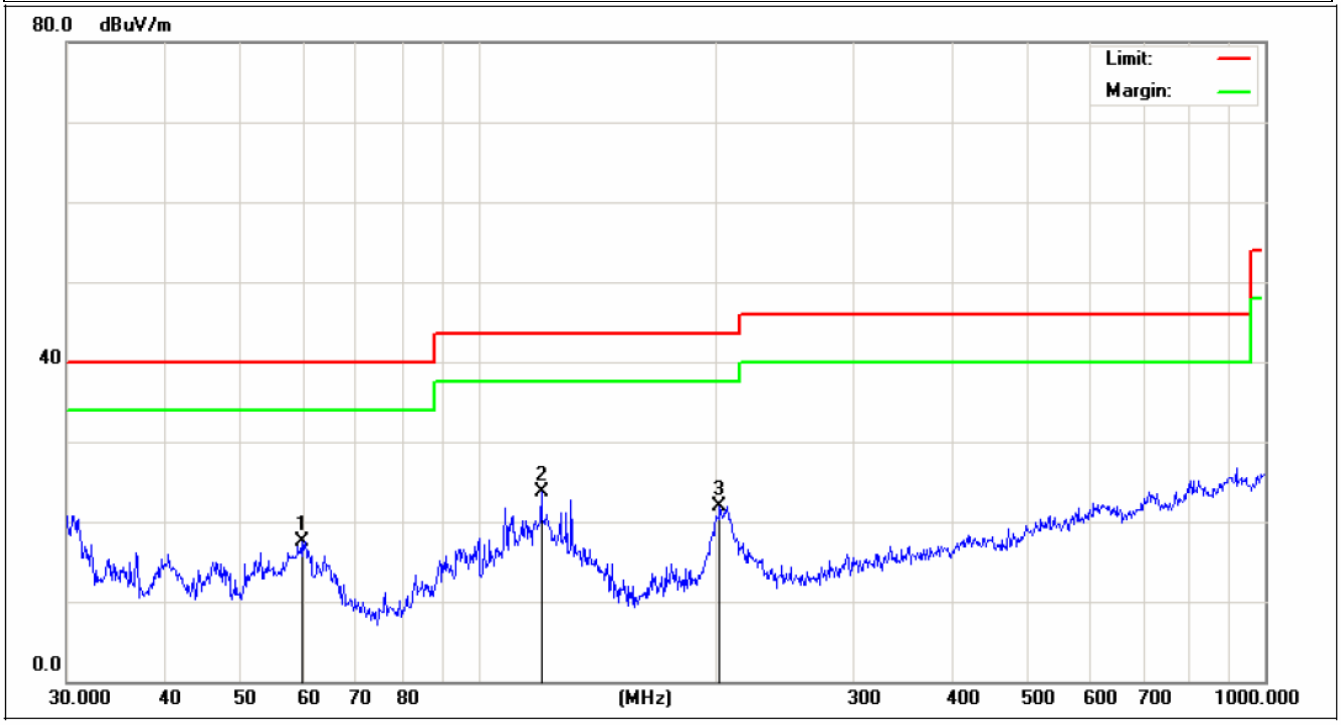
Job No.:	**AT1006665F**	**Polarziation:**	**Horizontal**
Standard:	**(RE)FCC Part 15_class B_3m**	**Power Source:**	**AC 120V/60Hz**
Test item:	**Radiation Test**	**Date:**	**2010/06/19**
Temp.(C)/Hum.(%RH):	**24.3(C)/55%RH**	**Time:**	**12:06:20**
EUT:	**GPS**	**Test By:**	**Well.Wang**
Model:	**GP430**	**Distance:**	**3m**
Note:	**Video Mode**		



No.	Frequency	Reading	Correct	Result	Limit	Over Limit	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
1	59.6493	40.91	-23.41	17.50	40.00	-22.50	peak
2	120.2766	48.71	-25.08	23.63	43.50	-19.87	peak
3	202.8104	46.12	-24.28	21.84	43.50	-21.66	peak

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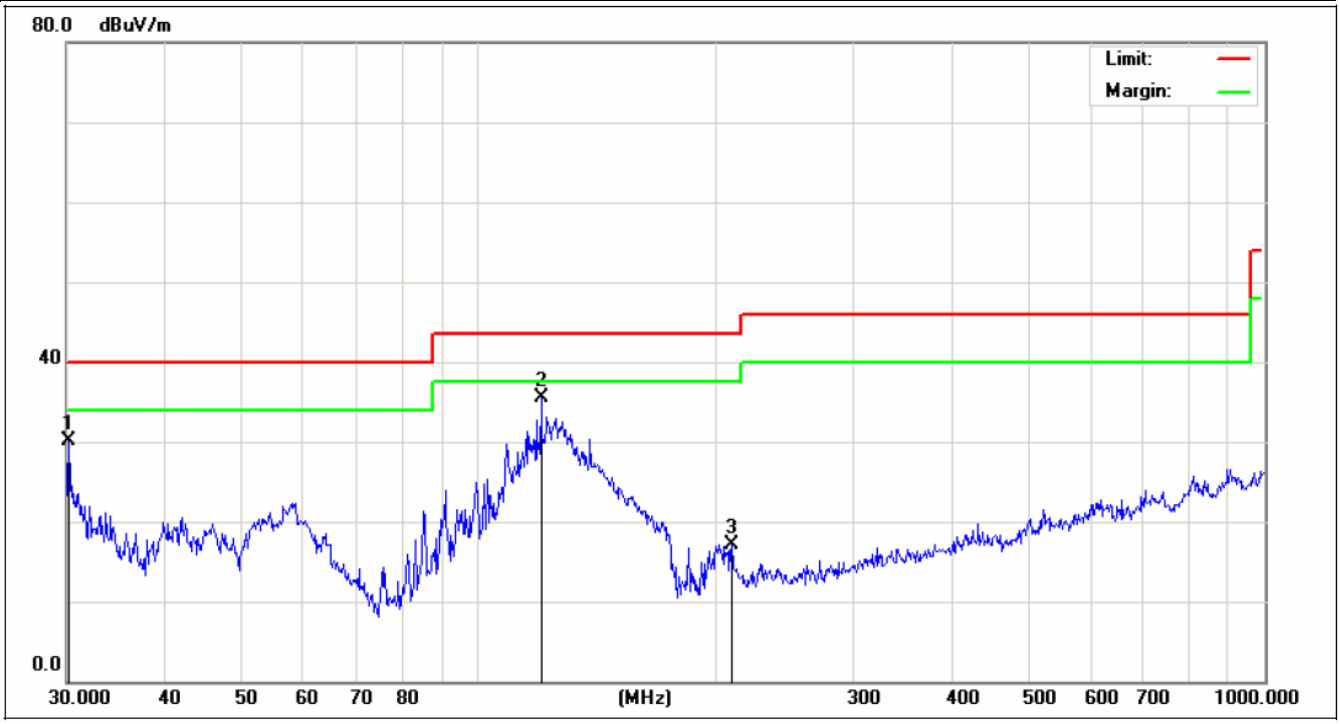
Job No.:	**AT1006665F**	**Polarziation:**	**Vertical**
Standard:	**(RE)FCC Part 15_class B_3m**	**Power Source:**	**AC 120V/60Hz**
Test item:	**Radiation Test**	**Date:**	**2010/06/19**
Temp.(C)/Hum.(%RH):	**24.3(C)/55%RH**	**Time:**	**12:10:24**
EUT:	**GPS**	**Test By:**	**Well.Wang**
Model:	**GP430**	**Distance:**	**3m**
Note:	**Video Mode**		



No.	Frequency	Reading	Correct	Result	Limit	Over Limit	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
1	30.2111	54.46	-24.32	30.14	40.00	-9.86	peak
2	120.2766	60.66	-25.08	35.58	43.50	-7.92	peak
3	210.0482	41.17	-24.00	17.17	43.50	-26.33	peak

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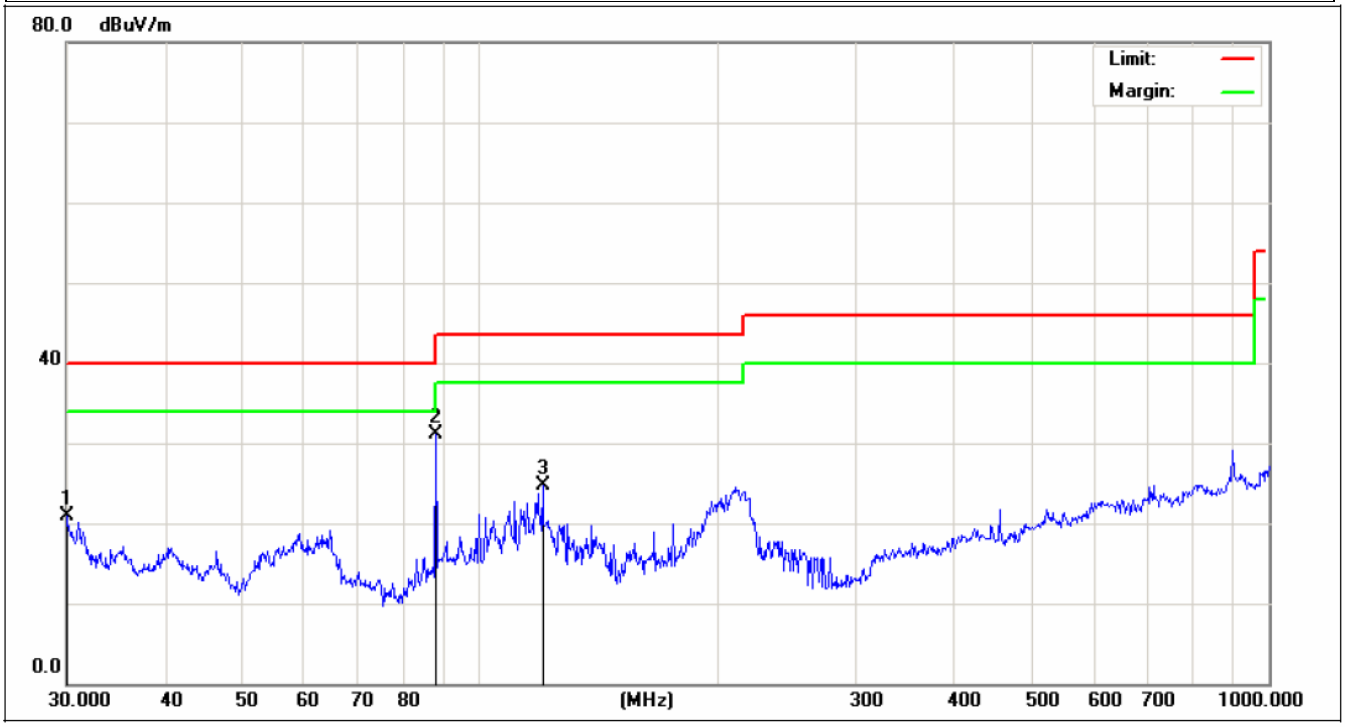
Job No.:	**AT1006665F**	**Polarziation:**	**Horizontal**
Standard:	**(RE)FCC Part 15_class B_3m**	**Power Source:**	**AC 120V/60Hz**
Test item:	**Radiation Test**	**Date:**	**2010/06/21**
Temp.(C)/Hum.(%RH):	**24.3(C)/55%RH**	**Time:**	**9:30:15**
EUT:	**GPS**	**Test By:**	**Well.Wang**
Model:	**GP430**	**Distance:**	**3m**
Note:	**FM(88.1MHz) Mode**		



No.	Frequency	Reading	Correct	Result	Limit	Over Limit	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
1	30.0000	45.23	-24.32	20.91	40.00	-19.09	peak
2	88.1000	56.24	-25.19	31.05	43.50	-12.45	peak
3	120.2766	49.88	-25.08	24.80	43.50	-18.70	peak

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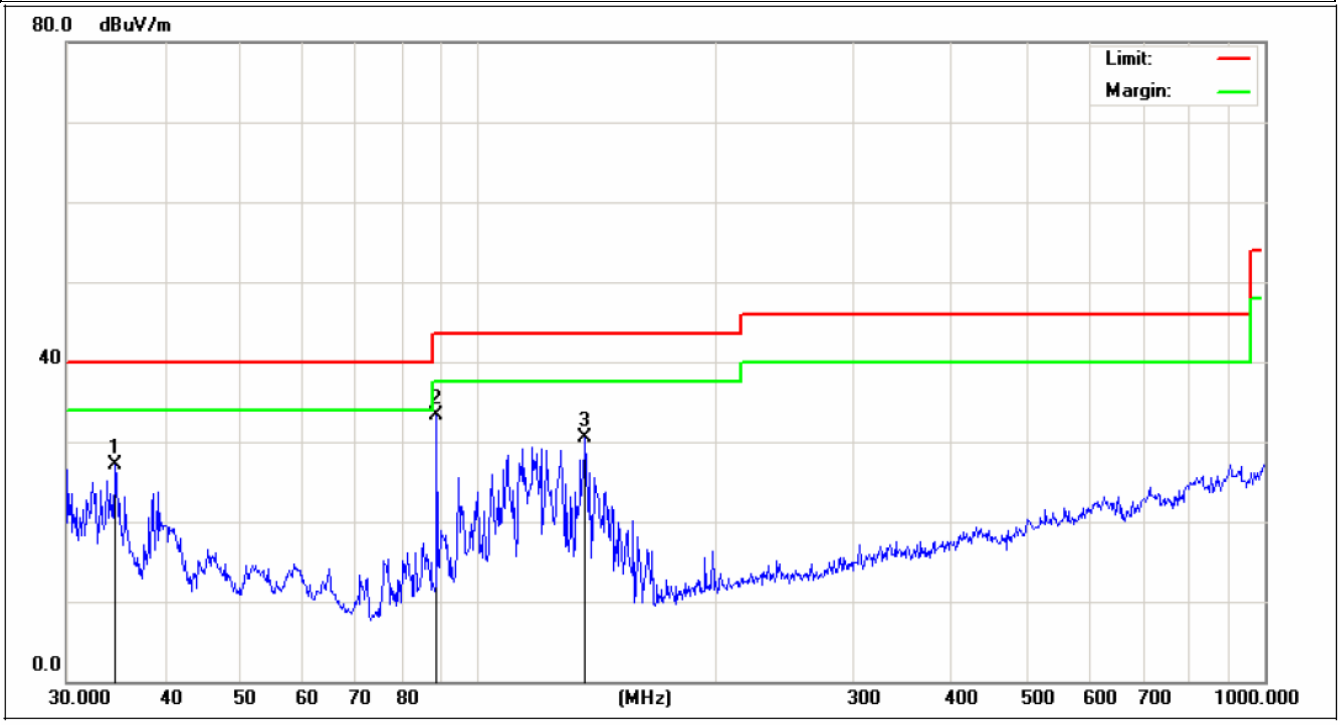
Job No.:	**AT1006665F**	**Polarziation:**	**Vertical**
Standard:	**(RE)FCC Part 15_class B_3m**	**Power Source:**	**AC 120V/60Hz**
Test item:	**Radiation Test**	**Date:**	**2010/06/21**
Temp.(C)/Hum.(%RH):	**24.3(C)/55%RH**	**Time:**	**9:34:50**
EUT:	**GPS**	**Test By:**	**Well.Wang**
Model:	**GP430**	**Distance:**	**3m**
Note:	**FM(88.1MHz) Mode**		



No.	Frequency	Reading	Correct	Result	Limit	Over Limit	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
1	34.6385	51.27	-24.22	27.05	40.00	-12.95	peak
2	88.1000	58.44	-25.18	33.26	43.50	-10.24	peak
3	136.9391	57.42	-26.94	30.48	43.50	-13.02	peak

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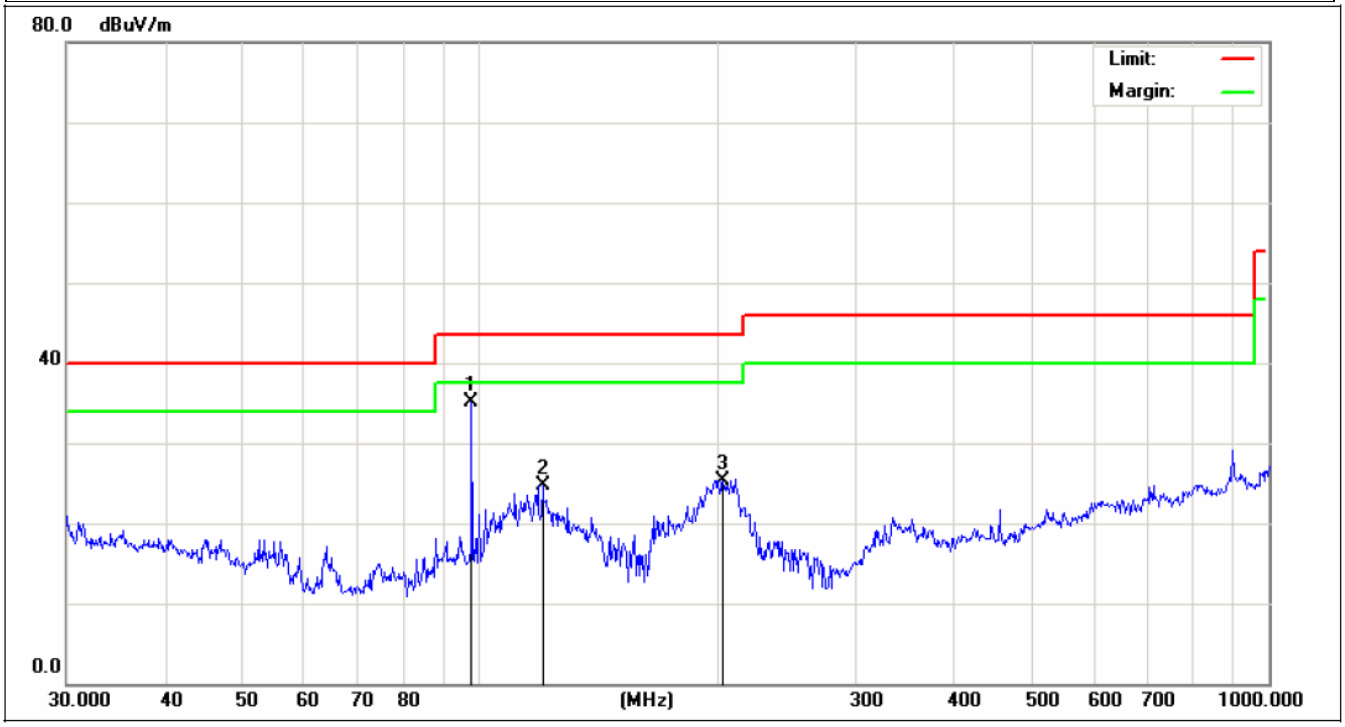
Job No.:	**AT1006665F**	**Polarziation:**	**Horizontal**
Standard:	**(RE)FCC Part 15_class B_3m**	**Power Source:**	**AC 120V/60Hz**
Test item:	**Radiation Test**	**Date:**	**2010/06/21**
Temp.(C)/Hum.(%RH):	**24.3(C)/55%RH**	**Time:**	**9:41:04**
EUT:	**GPS**	**Test By:**	**Well.Wang**
Model:	**GP430**	**Distance:**	**3m**
Note:	**FM(98MHz) Mode**		



No.	Frequency	Reading	Correct	Result	Limit	Over Limit	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
1	98.0000	57.88	-22.68	35.20	43.50	-8.30	peak
2	120.2766	49.88	-25.08	24.80	43.50	-18.70	peak
3	203.5227	49.60	-24.25	25.35	43.50	-18.15	peak

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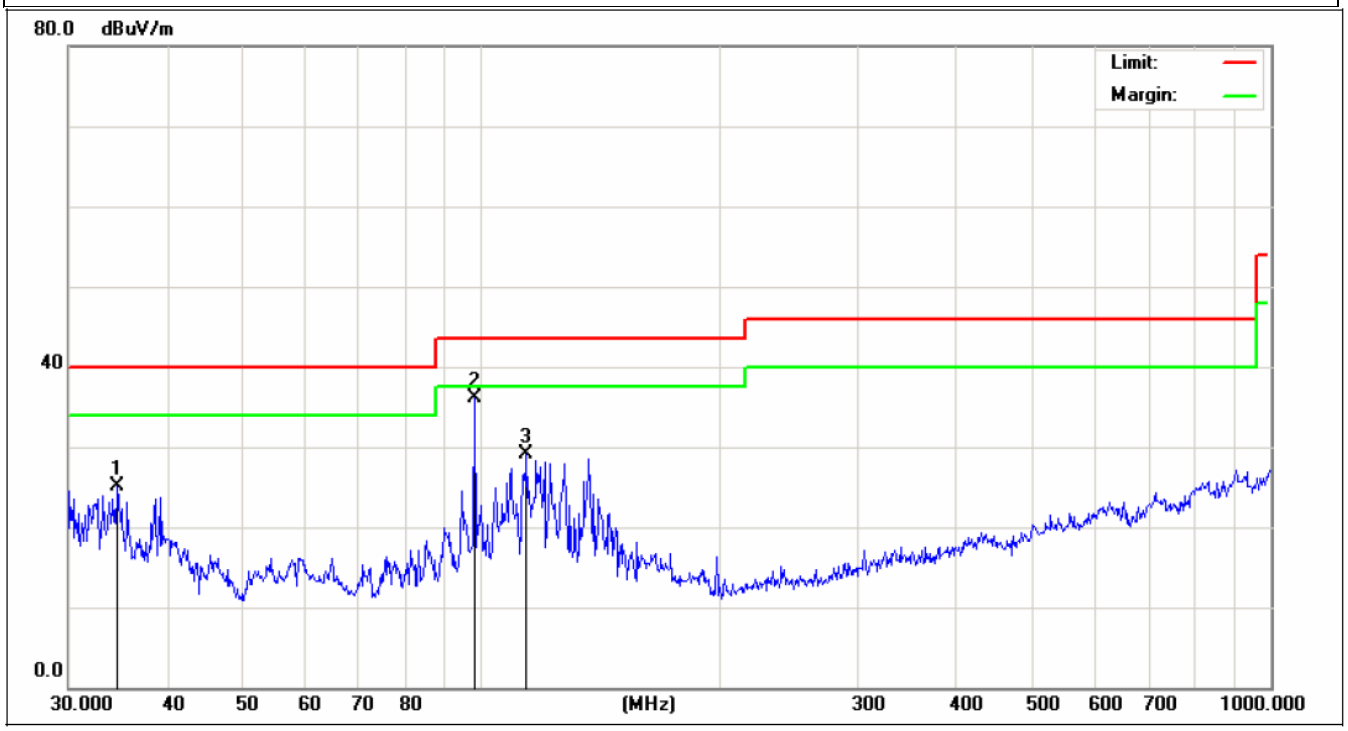
Job No.:	**AT1006665F**	**Polarziation:**	**Vertical**
Standard:	**(RE)FCC Part 15_class B_3m**	**Power Source:**	**AC 120V/60Hz**
Test item:	**Radiation Test**	**Date:**	**2010/06/21**
Temp.(C)/Hum.(%RH):	**24.3(C)/55%RH**	**Time:**	**9:44:52**
EUT:	**GPS**	**Test By:**	**Well.Wang**
Model:	**GP430**	**Distance:**	**3m**
Note:	**FM(98MHz) Mode**		



No.	Frequency	Reading	Correct	Result	Limit	Over Limit	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
1	34.6385	49.27	-24.22	25.05	40.00	-14.95	peak
2	98.0000	58.82	-22.68	36.14	43.50	-7.36	peak
3	114.1137	53.12	-24.04	29.08	43.50	-14.42	peak

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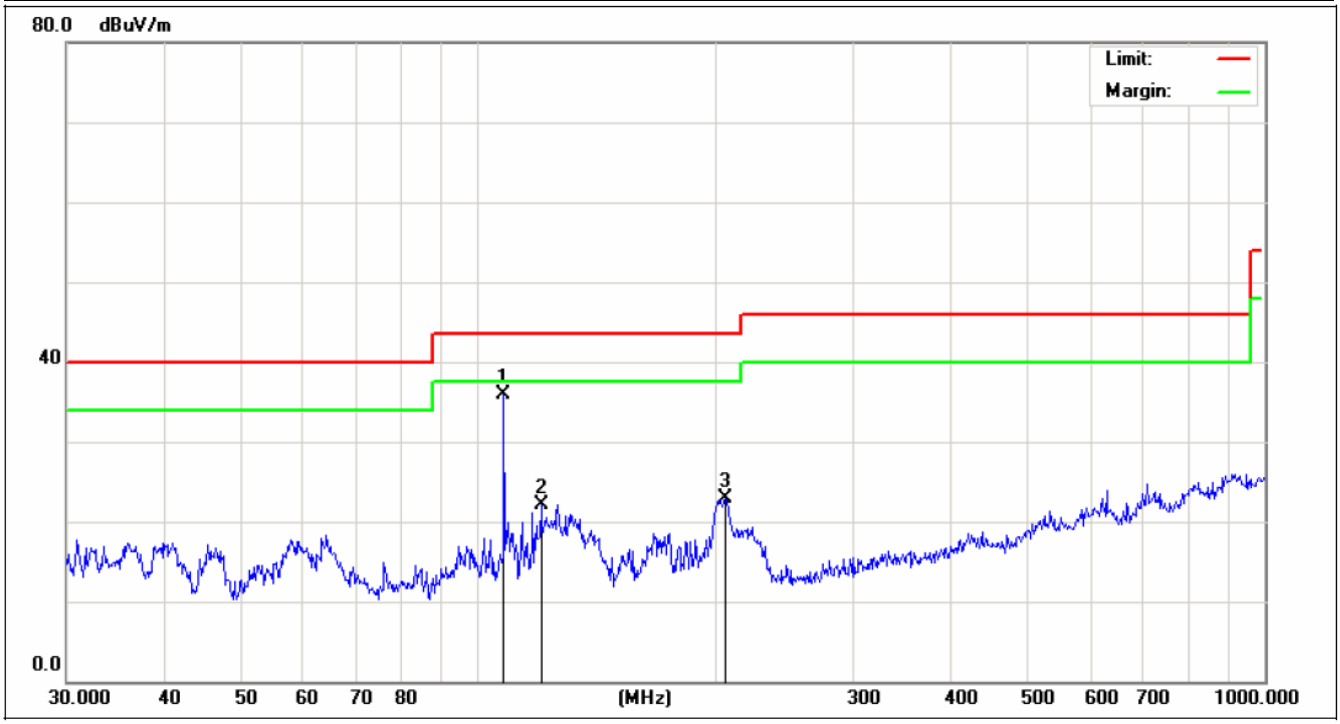
Job No.:	**AT1006665F**	**Polarziation:**	**Horizontal**
Standard:	**(RE)FCC Part 15_class B_3m**	**Power Source:**	**AC 120V/60Hz**
Test item:	**Radiation Test**	**Date:**	**2010/06/21**
Temp.(C)/Hum.(%RH):	**24.3(C)/55%RH**	**Time:**	**9:47:21**
EUT:	**GPS**	**Test By:**	**Well.Wang**
Model:	**GP430**	**Distance:**	**3m**
Note:	**FM(107.4MHz) Mode**		



No.	Frequency	Reading	Correct	Result	Limit	Over Limit	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
1	107.4000	59.09	-23.13	35.96	43.50	-7.54	peak
2	120.2766	47.15	-25.08	22.07	43.50	-21.43	peak
3	206.3976	47.13	-24.15	22.98	43.50	-20.52	peak

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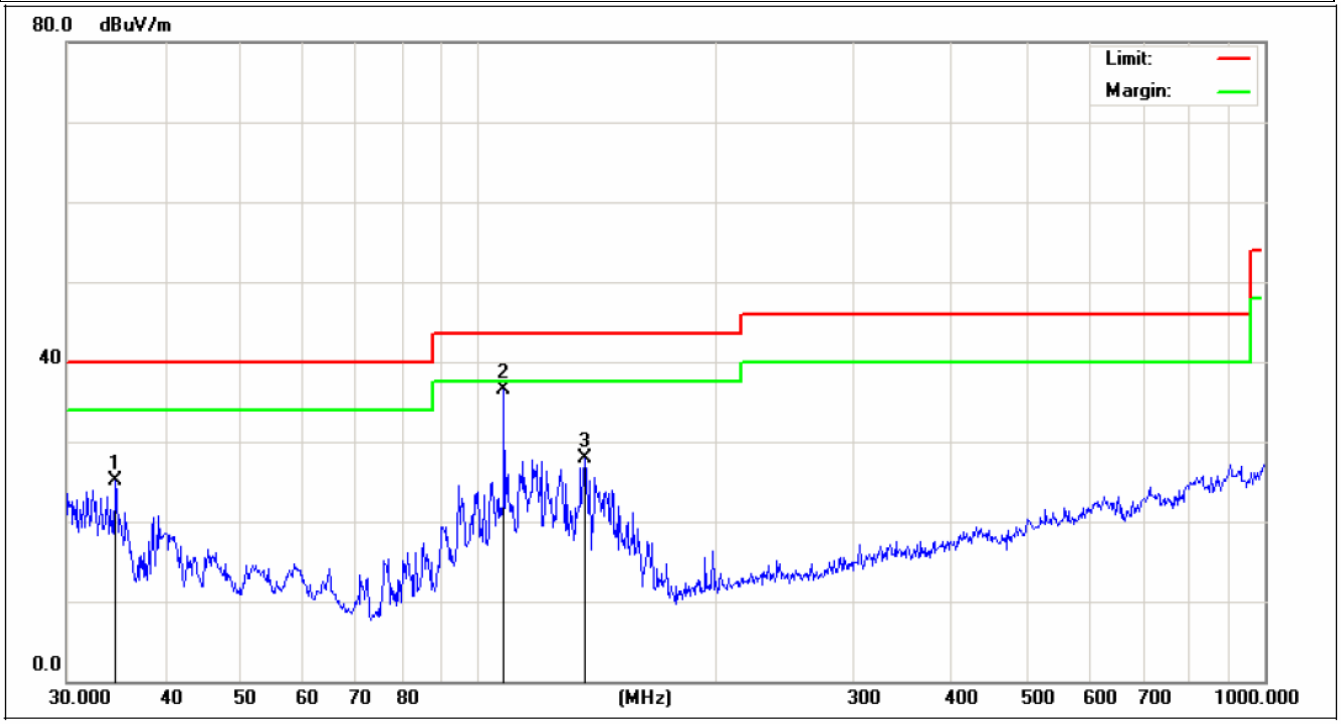
Job No.:	**AT1006665F**	**Polarziation:**	**Vertical**
Standard:	**(RE)FCC Part 15_class B_3m**	**Power Source:**	**AC 120V/60Hz**
Test item:	**Radiation Test**	**Date:**	**2010/06/21**
Temp.(C)/Hum.(%RH):	**24.3(C)/55%RH**	**Time:**	**9:52:30**
EUT:	**GPS**	**Test By:**	**Well.Wang**
Model:	**GP430**	**Distance:**	**3m**
Note:	**FM(107.4MHz) Mode**		



No.	Frequency	Reading	Correct	Result	Limit	Over Limit	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
1	34.6385	49.27	-24.22	25.05	40.00	-14.95	peak
2	107.4000	59.72	-23.13	36.59	43.50	-6.91	peak
3	136.9391	54.92	-26.94	27.98	43.50	-15.52	peak